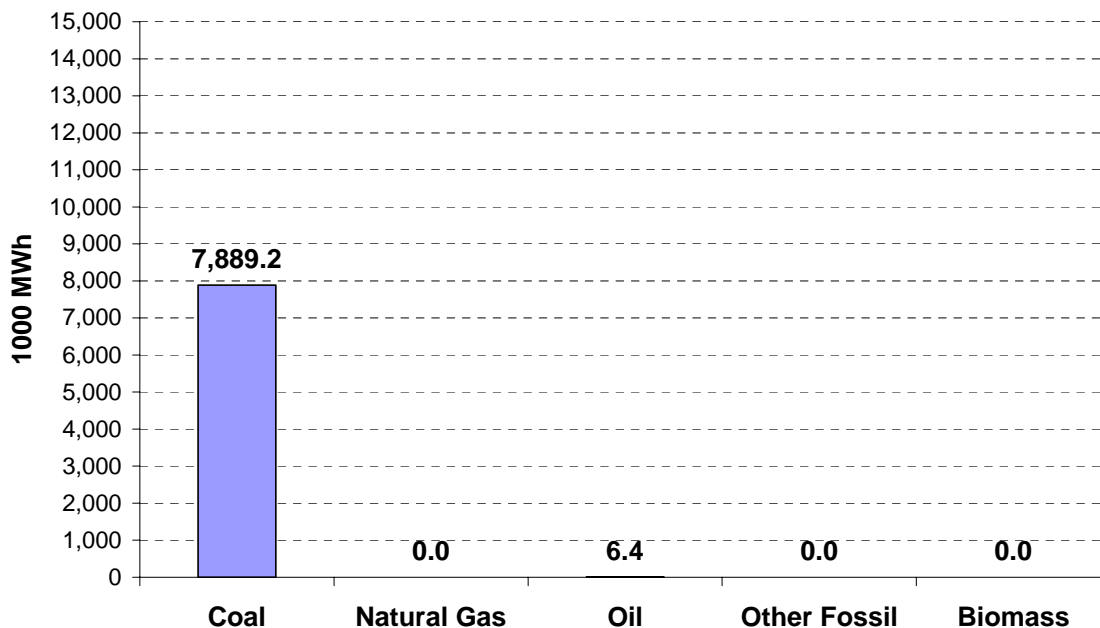




**Missouri
Department of
Natural Resources**

**Rush Island Power Plant, AmerenUE -
Power generated in 2000 from fossil fuels & biomass**



Emissions of criteria pollutants, CO₂ and Mercury – 2000

		Total emitted	Output-based rate (units per MWh)	Input-based rate (units per mmBTU)
NO _x - Annual	(Tons)	5,391	1.365	0.13
NO _x – May 1 to Sept. 30	(Tons)	2,260	1.40	0.14
Sulfur dioxide (SO ₂)	(Tons)	26,899	6.81	0.67
Carbon Dioxide (CO ₂)	(Tons)	8,272,522	2,095	205.20
Mercury (HG ₃)	(Pounds)	548.862	0.0695	0.0068

Toxic Releases – 2001

Hazardous Air Pollutants	(Pounds)	281,501
Toxic releases – Land	(Pounds)	215,089
Toxic releases – Water	(Pounds)	52,573

Data sources

- ◆ Data for hazardous air pollutants and toxic releases is taken from Missouri Department of Natural Resources (DNR) Toxic Release Inventory (TRI). For more information see:
U.S. Environmental Protection Agency (EPA) TRI home page – <http://www.epa.gov/tri/>
Missouri DNR TRI reports posted at <http://www.dnr.mo.gov/oac/bus.htm>
- ◆ Data for other emissions and generation is taken from EPA Office of Atmospheric Programs, eGRID (Emissions & Generation Resource Integrated Database) database, April 2003

Definitions

NO _x	Oxides of Nitrogen
MWh	Megawatthours (1000 kilowatthours)
mmBtu	Million British Thermal Units